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Nota di contenuto	Part I: Overview. - 1: The Prevalence and Impact of Neurological Disease in Cancer -- Part II: Diagnostic Studies -- 2: Imaging Neurologic Manifestations of Oncologic Disease -- 3: Other Diagnostic Tools for Neurological Disease in Cancer: EEG, EMG, and Lumbar Puncture -- Part III: Nervous System Involvement of Systemic Cancers -- 4: Brain Metastasis as Complication of Systemic Cancers -- 5: Leptomeningeal Metastasis as Complication of Systemic Cancers -- 6: Spinal Metastasis as Complication of Systemic Cancers -- 7: Peripheral Nervous System Metastases as Complications of Systemic Cancers -- Part IV: Neurological Complications of Cancer -- 8: Headache as Complication of Cancer -- 9: Seizures as Complications in Cancer -- 10: Cerebrovascular Complications of Cancer -- 11: Elevated Intracranial Pressure and Hydrocephalus in Brain Tumor Patients -- 12: Cognitive Dysfunction, Mood Disorders, and Fatigue as Complications of Cancer -- 13: Paraneoplastic Syndromes of the Nervous System as Complications of Cancer -- Part V: Neurological Complications of Cancer Therapy -- 14: Neurologic Complications of Radiation Therapy -- 15: Neurological Complications of Chemotherapy -- 16: Neurological Complications of Targeted Therapies -- 17: Neurological Complications of Immune-Based Therapies -- 18: Neurological Complications of Hematopoietic Stem Cell Transplantation -- 19:

Neurologic Complications of Corticosteroids in Cancer Therapy -- 20: Central Nervous System Infections in Patients Receiving Cancer Therapies -- Part VI: Neurological Complications of Specific Malignancies -- 21: Neurological Complications of Primary Brain Tumors -- 22: Neurological Complications of Lung Cancer -- 23: Neurological Complications of Breast Cancer and Its Treatment -- 24: Neurological Complications of Gastrointestinal Cancer -- 25: Neurologic Complications of Genitourinary Cancer -- 26: Neurologic Complications of Female Reproductive Tract Cancers -- 27: Neurological Complications of Sarcomas -- 28: Neurological Complications of Head and Neck Cancer -- 29: Neurological Complications of Malignant Melanoma -- 30: Neurological Complications of Leukemia -- 31: Neurologic Complications of Lymphoma -- 32: Neurologic Complications of Plasma Cell Dyscrasias -- 33: Neurologic Complications of Pediatric Systemic Cancer -- Part VII: Neurological Complications in Long Term Cancer Survivors -- 34: Neurological Complications of Cancer and Cancer Therapies in Long Term Survivors.

Sommario/riassunto

This updated edition provides clinicians from various backgrounds and levels of training the information needed to optimally diagnose and manage neurologic complications of the nervous system. Organized into seven sections, this comprehensive volume begins with an overview of diagnostic studies for neurologic complications involving the nervous system. That is followed by sections on metastatic and non-metastatic complications of cancer involving the nervous system, and the interpretation, diagnosis, and management of common neuro-oncologic symptoms. The next section reviews the neurologic complications of cancer therapy, including corticosteroids, radiation therapy, chemotherapy, targeted molecular therapies, immunotherapies, hematopoietic stem cell transplantation, and infections involving the nervous system. The final section focuses on the most important neurologic complications in cancers arising from specific organs. In addition to capturing the latest advancements in the rapidly evolving fields of oncology and cancer neurology, the goal of this resource is to lead clinicians toward prompt diagnosis and intervention in order to improve patient quality of life. "This textbook is a valuable resource for medical oncologists and radiation oncologists, as well as neurologists and neuro-oncologists dealing with these patients. ... Overall, the chapters are well organized, clearly written, fairly balanced, and reasonably up to date. ... I would recommend it as a learning tool to physicians in training (medical students, residents, and fellows) and for more experienced physicians as both a review/update and a way to gain more in-depth knowledge and insight into the neurologic problems of cancer patients." (John C. Flickinger, *International Journal of Radiation Oncology Biology Physics*, Vol. 73 (2), 2009) "The general organization of the book is logical and facilitates its practical and everyday use. ... Overall this textbook is very comprehensive and encompasses main neuro-oncological challenges. ... Schiff, Kesari and Wen have edited a very elegant and highly practical textbook, written by recognized authorities in their respective fields, which will be used by a wide range of medical and surgical specialists who are confronted on a daily basis with neurological manifestations of cancer in their practice." (I. Radovanovic and G. Zadeh, *British Journal of Cancer*, Vol. 100 (6), 2009).
